

Attorney's Docket No.: 13407-012001 / 00-066

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Robert A. Reenan et al.
Serial No. : 10/017,479
Filed : December 12, 2001
Title : POLYNUCLEOTIDES ENCODING CELLULAR TRANSPORTERS AND METHODS OF USE THEREOF

Art Unit : 1645
Examiner : Unknown

Commissioner for Patents
Washington, D.C. 20231

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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This statement is being filed before the receipt of a first Office action on the merits.

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Respectfully submitted,

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Substitute Form PTO-1449 (Modified) MAR 31 2003 Information Disclosure Statement by Applicant (Draw several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 13407-012001	Application No. 10/017,479
	Applicant Robert A. Reenan et al.			
	Filing Date December 12, 2001		Group Art Unit 1645	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,744,300	04/28/98	Linskens et al.			
	AB	6,225,120 B1	05/01/01	Ruvkun et al.			
	AC	2001/0016332 A1	08/23/01	Ruvkun et al.			
	AD	2001/0029617 A1	10/11/01	Ruvkun et al.			
	AE	2002/0019028 A1	02/14/02	Chaturvedi et al.			
	AF	2002/0120008 A1	08/29/02	Benzer et al.			

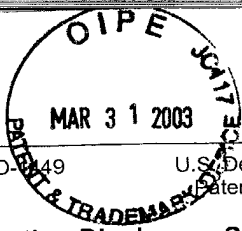
Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AG	EP 0 475 553 A2	03/18/92	EP				
	AH	WO 97/41242	06/11/97	WIPO				
	AI	WO 99/10482	03/04/99	WIPO				
	AJ	WO 99/64458	12/16/99	WIPO				
	AK	WO 00/11952	03/09/00	WIPO				
	AL	WO 00/37938	06/29/00	WIPO				
	AM	WO 01/12851 A2	02/22/01	WIPO				
	AN	WO 01/35096 A2	05/17/01	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AO	Blake et al., "A Molecular Marker Confirms That the Rate of Adult Maturation Is Largely Independent of the Rate of Pre-Adult Development in <i>Drosophila melanogaster</i> ", <i>Dev Genetics</i> 18:125-130 (1996)
	AP	Blake et al., "Changes in gene expression during post-eclosion development in the olfactory system of <i>Drosophila melanogaster</i> ", <i>Mech. Dev.</i> 52:179-185 (1995)
	AQ	Clancy et al., "Dietary Restriction in Long-Lived Dwarf Flies", <i>Science</i> 296:319 (2002)
	AR	Clancy et al., "Extension of Life-Span by Loss of CHICO, a <i>Drosophila</i> Insulin Receptor Substrate Protein", <i>Science</i> 292:104-106 (2001)
	AS	DePinho, "The age of cancer", <i>Nature</i> 408:248-254 (2000)
	AT	Finkel et al., "Oxidants, oxidative stress and the biology of ageing", <i>Nature</i> 408:239-247 (2000)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Sheet 2 of 3

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13407-012001	Application No. 10/017,479
		Applicant Robert A. Reenan et al.	
		Filing Date December 12, 2001	Group Art Unit 1645

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Other Documents (include Author, Title, Date, and Place of Publication)

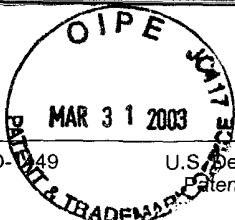
Examiner Initial	Desig. ID	Document
	AU	Girard et al., "Molecular cloning and functional analysis of SUT-1, a sulfate transporter from human high endothelial venules", <i>PNAS</i> 96:12772-12777 (1999)
	AV	Guarente et al., "Genetic pathways that regulate ageing in model organisms", <i>Nature</i> 408:255-262 (2000)
	AW	Hayflick, "The future of ageing", <i>Nature</i> 408:267-269 (2000)
	AX	Helfand et al., "The expression of a reporter protein, β -galactosidase, is preserved during maturation and aging in some cells of the adult <i>Drosophila melanogaster</i> ", <i>Mech. Dev.</i> 55:45-51 (1996)
	AY	Helfand et al., "Regulation of Gene Expression During Aging", <i>Res. And Prob. In Cell Diff.</i> 29:67-80 (2000)
	AZ	Helfand et al., "Temporal Patterns of Gene Expression in the Antenna of the Adult <i>Drosophila melanogaster</i> ", <i>Genetics</i> 140:549-555 (1995)
	AAA	Helfand, "Single Gene Mutants that Confer Longevity in <i>Drosophila</i> ", Abstract Grant No. 5R01AG016667-04, CRISP Database, 21-MAY-2002
	ABB	Kari et al., "Roles for Insulin-Like Growth Factor-1 in Mediating the Anti-Carcinogenic Effects of Caloric Restriction", <i>J. Nutr. Health & Aging</i> 3:92-101 (1999)
	ACC	Kirkwood et al., "Why do we age?", <i>Nature</i> 408:233-238 (2000)
	ADD	Knauf et al., "Functional characterization and immunolocalization of the transporter encoded by the life-extending gene <i>Indy</i> ", <i>PNAS</i> 99:14315-14319 (2002)
	AEE	Martin et al., "Lessons from human progeroid syndromes", <i>Nature</i> 408:263-266 (2000)
	AFF	NCBI Accession No. AAF49226, Adams et al., 21-MAR-2000
	AGG	NCBI Accession Nos. AE003519 AE002602, Adams et al., Sequence Listing, 21-MAR-2000
	AHH	NCBI BLASTP 2.2.3, Altschul et al., Sequence Listing, 24-APR-2002
	AII	NCBI Accession No. NP_036582, Girard et al., PRI 19-DEC-2001
	AJJ	NCBI Accession No. BAB15477, Kawakami et al., 29-AUG-2000
	AKK	NCBI Accession No. CAC18857, Lloyd, 04-APR-2001
	ALL	NCBI Accession No. BAB71262, Oshima et al., 24-OCT-2001
	AMM	NCBI Accession No. NP_003975, Pajor et al., PRI 01-NOV-2000
	ANN	NCBI Accession No. NP_073740, Wang et al., PRI 25-OCT-2001
	AOO	NCBI Accession No. XP_017841, NCBI Annotation Project, 09-MAY-2002
	APP	NCBI Accession No. XP_031387, NCBI Annotation Project, 09-MAY-2002
	AQQ	NCBI Accession No. XP_091606, NCBI Annotation Project, 06-FEB-2002
	ARR	OMIM Database No. 604148, "Sodium-Dependent Dicarboxylate Transporter 1; NADC1", 11-JUN-2002
	ASS	Rogina et al., "Cu, Zn superoxide dismutase deficiency accelerates the time course of an age-related marker in <i>Drosophila melanogaster</i> ", <i>Biogerontology</i> 1:163-169 (2000)

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Substitute Disclosure Form (PTO-1449)

Sheet 3 of 3

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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	ATT	Rogina et al., "Regulation of Gene Expression Is Linked to Life Span in Adult Drosophila", <i>Genetics</i> 141(3):1043-1048 (1995)
	AUU	Rogina et al., "Spatial and temporal pattern of expression of the <i>wingless</i> and <i>engrailed</i> genes in the adult antenna is regulated by age-dependent mechanisms", <i>Mech. Dev.</i> 63:89-97 (1997)
	AVV	Rogina et al., "Timing of Expression of a Gene in the Adult Drosophila Is Regulated by Mechanisms Independent of Temperature and Metabolic Rate", <i>Genetics</i> 143:1643-1651 (1996)
	AWW	Rogina et al., " <i>Drosophila drop-dead</i> mutations accelerate the time course of age-related markers", <i>Proc. Natl. Acad. Sci. USA</i> 94:6303-6306 (1997)
	AXX	Rogina et al., "Extended Life-Span Conferred by Cotransporter Gene Mutations in <i>Drosophila</i> ", <i>Science</i> 290:2137-2140 (2000)
	AYY	Rogina et al., "Regulation of gene expression is preserved in aged <i>Drosophila melanogaster</i> ", <i>Current Biology</i> 8:475-478 (1998)
	AZZ	Sgrò et al., "A Delayed Wave of Death from Reproduction in <i>Drosophila</i> ", <i>Science</i> 286:2521-2523 (1999)

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